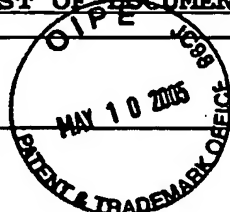
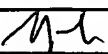
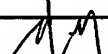
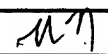

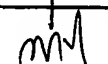
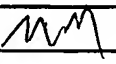
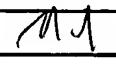

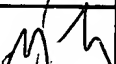


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MM	AA	2002/0172820	11/21/02	Majumdar et al.	428	357	
	AB	2002/0129761	9/19/02	Takami	117	73	
	AC	5,362,972	11/8/94	Yazawa et al	257	13	
	AD	5,332,910	7/26/94	Haraguchi et al.	257	13	
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MM	AE	WO 01/84238	11/8/01	WIPO			
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MM	AF	Yasawa, M. et al., "Heteroepitaxial Ultrafine Wire-Like Growth of InAs on GaAs Substrates", <u>Appl. Phys. Lett.</u> , Vol. 58, No. 10, March 11, 1991, pp. 1080-1082.					
	AG	Haraguchi, K. et al., "GaAs p-n junction formed in quantum wire crystals", <u>Applied Physics Letters</u> , Vol. 60, No. 6, February 10, 1992, pp. 745-747					
	AH	Yazawa, M., et al., "Effect of one monolayer of surface gold atoms on the epitaxial growth of InAs nanowhiskers", <u>Applied Physics Letters</u> , Vol. 61, October 26, 1992, pp. 2051-2053.					
	AI	Yazawa, M., "Nanocolumns composed of GaAs-InAs jointed whiskers and SiO ₂ covers", <u>Applied Physics Letters</u> , Vol. 65, August 29, 1994, pp. 1157-1158					
	AJ	Sato, T., "Site-controlled growth of nanowhiskers", <u>Applied Physics Letters</u> , Vol. 66, January 9, 1995, pp. 159-161.					
	AK	Hiruma, K., et al., "Growth and optical properties of nanometer-scale GaAs and InAs whiskers", <u>Applied Physics Review</u> , Vol. 77, January 15, 1995, pp. 447-462.					
	AL	Hiruma K., et al., "Growth and Characterization of Nanometer-Scale GaAs, AlGaAs and GaAs/InAs Wires", <u>IEICE Trans. Electron.</u> , Vol. E77-C, No. 9, September 1, 1994, pp. 1420-1425.					
	AM	Hiruma, K. et al., "GaAs free-standing quantum-size wires", <u>Journal of Applied Physics</u> , Vol. 74, September 1, 1993, pp. 3162-3171.					
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AP	Lieber, C., "Nanowires as Building Blocks for Nanoscale Science and Technology", <u>Abstracts of Papers of the Amer. Chem Soc.</u> , Vol. 224, August 18, 2002, pp. 033-Comp Part 1.						

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	BA	6,190,634	2/20/01	Lieber et al.	423	439	
	BB	6,159,742	12/12/00	Lieber et al.	436	164	
	BC	5,997,832	12/7/99	Lieber et al.	423	249	
	BD	5,840,435	11/24/98	Lieber et al.	428	689	
	BE	5,252,835	10/12/93	Lieber et al.	250	492.1	
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	BG	Duan, X., et al., "Laser-Assisted Catalytic Growth of Single-Crystal Compound Semiconductor Nanowires", <u>Abstracts of Papers of the Amer. Chem. Soc.</u> , Vol. 219, March 26, 2000, pp. 676-Inor Part 1.					
	BH	Duan, X. et al., "Laser Assisted Catalytic Growth of Semiconductor Nanowires for Nanoscale Electronic Optoelectronic Device Application", <u>Abstracts of Papers of the Amer. Chem. Soc.</u> , Vol. 221, April 1, 2001, pp. 644-Inor Part 1.					
	BI	Lieber, C., "Semiconductor Nanowires: Building Blocks for Nanoscale Science and Technology", <u>Abstracts of Papers of the Amer. Chem. Soc.</u> , Vol. 222, August 1, 2001, pp. 383-Phys Part 2.					
	BJ	Huang, Y., et al., "Integrated Optoelectronics Assembled from Semiconductor Nanowires", <u>Abstracts of Papers of the Amer. Chem. Soc.</u> , Vol. 224, August 18, 2002, pp. 093-Phys - Part 2.					
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	BL	Duan, X. et al., "General Synthesis of Compound Semiconductor Nanowires", <u>Advanced Materials</u> , Vol. 12, No. 4, January 1, 2000, pp. 298-302.					
	BM	Duan, X., et al., "Synthesis and optical properties of gallium arsenide nanowires", <u>Applied Physics Letters</u> , Vol. 76, No. 9, February 28, 2000, pp. 1116-1118.					
	BN	Cui, Y., et al., "Diameter-controlled synthesis of single-crystal silicon nanowires", <u>Applied Physics Letters</u> , Vol. 78, No. 15, April 9, 2001, pp. 2214-2216.					
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I	CB	5,196,396	3/23/93	Lieber	505	1	
hgy	CC	6,716,409	4/6/04	Hafner et al.	423	447	
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MM	CE	Gudiksen M.S., et al., "Diameter-selective synthesis of semiconductor nanowires", <u>J. Am. Chem. Soc.</u> , Vol. 122, August 22, 2000, pp. 8801-8802.					
	CF	Gudiksen M., et al., "Size-Dependent Photoluminescence from Single Indium Phosphide Nanowires", <u>Journal of Physical Chemistry B</u> , Vol. 106, No. 16, March 30, 2002, pp. 4036-4039.					
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	CH	Huang, Y., et al., "Gallium Nitride Nanowire Nanodevices", <u>Nano Letters</u> , Vol. 2, No. 2, January 11, 2002, pp. 81-82.					
	CI	Lieber C., "Nanowire Superlattices", <u>Nano Letters</u> , Vol. 2, No. 2, January 25, 2002, pp. 82-82.					
	CJ	Duan, X., et al., "Nonvolatile Memory and Programmable Logic from Molecule-Gated Nanowires", <u>Nano Letters</u> , Vol. 2, No. 5, May 1, 2002, pp. 487-490.					
	CK	Cui, Y., et al., "High Performance Silicon Nanowire Field Effect Transistors", <u>Nano Letters</u> , Vol. 3, No. 2, January 1, 2003, pp. 149-152.					
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MM	CM	Hu, J., et al., "Controlled Growth and Electrical Properties of Heterojunctions of Carbon Nanotubes and Silicon Nanowires", <u>Nature</u> , Vol. 399, May 6, 1999, pp. 48-51.					
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	DA	6,743,408	6/1/04	Lieber et al.	423	447.1	
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	DB	WO 01/03208	1/11/01	WIPO			
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	DC	Duan, X., et al., "Indium phosphide nanowires as building blocks for nanoscale electronic and optoelectronic devices", <u>Nature</u> , Vol. 409, January 4, 2001, pp. 66-69.					
	DD	Gudiksen M., et al., "Growth of nanowire superlattice structures for nanoscale photonics and electronics", <u>Nature</u> , Vol. 415, February 7, 2002, pp. 617-620.					
	DE	Lauhon, L., et al., "Epitaxial Core-Shell and Core-Multishell Nanowire Heterostructures", <u>Nature</u> , Vol. 420, No. 6911, November 7, 2002, pp. 57-61.					
	DF	Duan, X., "Single-nanowire electrically driven lasers", <u>Nature</u> , Vol. 421, January 16, 2003, pp. 241-244.					
	DG	Lieber, C., "The incredible shrinking circuit", <u>Sci. Am.</u> , Vol. 285, September 1, 2001, pp. 58-64.					
	DH	Morales, A., et al., "A Laser Ablation Method for the Synthesis of Crystalline Semiconductor Nanowires", <u>Science</u> , Vol. 279, January 9, 1998, pp. 208-211.					
	DJ	Cui Y., et al., "Functional Nanoscale Electronic Devices Assembled Using Silicon Nanowire Building Blocks", <u>Science</u> , Vol. 291, February 2, 2001, pp. 851-853.					
	DK	Wang, J., et al., "Highly Polarized Photoluminescence and Photodetection from Single Indium Phosphide Nanowires", <u>Science</u> , Vol. 293, No. 5534, August 24, 2001, pp. 1455-1457.					
	DL	Cui Y., et al., "Nanowire nanosensors for highly sensitive and selective detection of biological and chemical species", <u>Science</u> , Vol. 293, August 17, 2001, pp. 1289-1292.					
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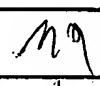

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MA	EB	WO 97/31139	8/28/97	WIPO			
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MA	EC	Huang, Y., et al., "Logic Gates and Computation from Assembled Nanowire Building Blocks", <u>Science</u> , Vol. 294, November 9, 2001, pp. 1313-1317.					
	ED	Cui, Y., et al., "Doping and Electrical Transport in Silicon Nanowires", <u>The Journal of Physical Chemistry B</u> , Vol. 104, No. 22, May 11, 2000, pp. 5213-5216.					
	EE	Gudiksen M., et al., "Synthetic Control of the Diameter and Length of Single Crystal Semiconductor Nanowires", <u>The Journal of Physical Chemistry B</u> , Vol. 105, April 18, 2001, pp. 4062-4064.					
	EF	Morales, A. et al., "Rational Synthesis of Silicon Nanowires", <u>INOR</u> , 651, January 1, 2001.					
	EG	Wong E., et al., "Nanobeam Mechanics: Elasticity, Strength, and Toughness of Nanorods and Nanotubes", <u>Science</u> , Vol. 277, September 26, 1997, pp. 1971-1975.					
	EH	Dai, H., et al., "Synthesis and Characterization of Carbide Nanorods", <u>Nature</u> , Vol. 375, June 29, 1995, pp. 769-772.					
	EI	Junno, T., et al., "Controlled manipulation of nanoparticles with an atomic force microscope", <u>Applied Physics Letters</u> , Vol. 66, June 26, 1995, pp. 3627-3629.					
MA	EJ	Zwiller, V., et al., "Single quantum dots emit single photons at a time: Antibunching experiment", <u>Applied Physics Letters</u> , Vol. 78, No. 17, April 23, 2001, pp. 2476-2478.					
	EK						
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MM	FB	WO 95/02709	1/26/95	WIPO			
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MM	FC	Borgstrom, M., et al., "High peak-to-valley ratios observed in InAs/InP resonant tunneling quantum dot stacks", <u>Applied Physics Letters</u> , Vol. 78, No. 21, May 21, 2001, pp. 3232-3234.					
	FD	Thelander, et al., "Gold nanoparticle single-electron transistor with carbon nanotube leads", <u>Applied Physics Letters</u> , Vol. 79, No. 13, September 24, 2001, pp. 2106-2108.					
	FE	Ohlsson B.J., et al., "Size-, shape-, and position-controlled GaAs nano-whiskers", <u>Applied Physics Letters</u> , Vol. 79, No. 20, November 12, 2001, pp. 3335-3337.					
	FF	Bjork, M.T., et al., "One-dimensional heterostructures in semiconductor nanowhiskers", <u>Applied Physics Letters</u> , Vol. 80, No. 6, February 11, 2002, pp. 1058-1060.					
	FG	Persson, M.P. et al., "Electronic Structure of Nanometer-Scale GaAs Whiskers", <u>Applied Physics Letters</u> , Vol. 81, No. 7, August 12, 2002, pp. 1309-1311.					
	FH	Thelander, C., et al., "Single-Electron Transistors in Heterostructure Nanowires", <u>Applied Physics Letters</u> , Vol. 83, No. 10, September 8, 2003, pp. 2052-2054.					
	FI	Panev, N., et al., "Sharp Exciton Emission From Single InAs Quantum Dots in GaAs Nanowires", <u>Applied Physics Letters</u> , Vol. 83, No. 11, September 15, 2003, pp. 2238-2240.					
MM	FJ	Bjork, M.T., "Nanowire resonant tunnelling diodes", <u>Applied Physics Letters</u> , Vol. 81, No. 23, December 2, 2002, pp. 4458-4460.					
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M	GC	Persson, A., "Oriented Growth of InAs-based Nanowhiskers", Diploma Work, Lund Institute of Technology, Lund University, May 29, 2001, pp. 1-48.					
	GD	Ohlsson, J., "Semiconductor Hetero- and Nanostructures", Doctoral Thesis, Lund Institute of Technology, Lund University, November 23, 2001.					
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	GH	Samuelson, L., "Self-Forming Nanoscale Devices", <u>Materials Today</u> , October 22, 2003, pp. 22-31.					
	GI	Ohlsson, B., et al., "Fabrication and characterization of III-V nanowhiskers", <u>MSS10 Conference - Austria</u> , July 23-27, 2001.					
M	GJ	Bjork, M.T., et al., "One-dimensional Steeplechase for Electrons Realized", <u>Nano Letters</u> , Vol. 2, No. 2, January 19, 2002, pp. 87-89.					
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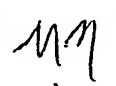
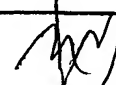
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	HD	Burgess, D.S., "Nanowire Heterostructures Form Tunneling Diodes", <u>Photonics Spectra</u> , Vol. 37, No. 2, February 2003, pp. 3-5.					
	HE	Pettersson, H., et al., "Electrical and Optical Properties of Self-Assembled InAs Quantum Dots in InP Studied by Space-Charge Spectroscopy and Photoluminescence", <u>Phys. Rev. B</u> , Vol. 61, No. 7, February 15, 2000, pp. 4795-4800.					
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	ID	Wagner, R.S., et al., "Vapour-Liquid-Solid Mechanism of Single Crystal Growth", <u>Appl. Phys. Lett.</u> , Vol. 4, No. 5, March 1, 1964, pp. 89-90.					
	IE	Canham, L.T., "Silicon Quantum Wire Array Fabrication by Electrochemical and Chemical Dissolution of Wafers", <u>Appl. Phys. Lett.</u> , Vol. 57, September 3, 1990, pp. 1046-1048.					
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mm	IJ	Ferry, D.K., et al., "Transport in Nanostructures", <u>Cambridge University Press</u> , Hardcover, January 1, 1997, pp. 41-45.					
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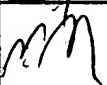
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	KF	Miller, M. et al., "Serpentine Superlattice: Concept and First Results", <u>Journal of Crystal Growth</u> , Vol. 111, January 1, 1991, pp. 323-327.					
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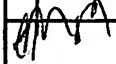
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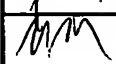
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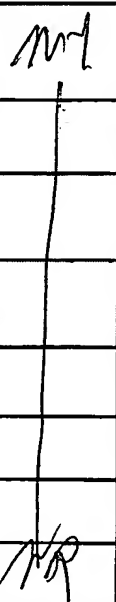
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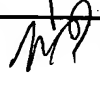
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	SI	Wu, Y., et al., "Block-by-Block Growth of Single-Crystalline Si/SiGe Superlattice Nanowires", <u>Nano Letters</u> , Vol. 2, No. 2, January 19, 2002, pp. 83-86.					
MI	SJ	Johnson, J., et al., "Near-Field Imaging of Nonlinear Optical Mixing in Single Zinc Oxide Nanowires", <u>Nano Letters</u> , Vol. 2, No. 4, April 1, 2002, pp. 279-283.					
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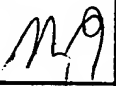
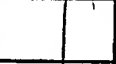

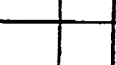

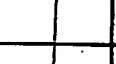

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	TC	Johnson, J., et al., "Single Gallium Nitride Nanowire Lasers", <u>Nature Materials</u> , Vol. 1, No. 2, September 15, 2002, pp. 106-110.					
	TD	Huang, M.H., et al., "Room-Temperature Ultraviolet Nanowire Nanolasers", <u>Science</u> , Vol. 292, June 8, 2001, pp. 1897-1899.					
	TE	Wu, Y., et al., "Germanium Nanowire Growth via Sample Vapor Transport", <u>Chem. Mater.</u> , Vol. 12, March 20, 2000, pp. 605-607.					
	TF	Wu, Y., et al., "Semiconductor Nanowire Array: Potential Substrates for Photocatalysis and Photovoltaics", <u>Topics in Catalysis</u> , Vol. 19, No. 2, April 1, 2002, pp. 197-202.					
	TG	Hiruma, K. et al., "GaAs free-standing quantum-size wires", <u>Journal of Applied Physics</u> , Vol. 74, September 1, 1993, pp. 3162-3171.					
	TH	Liu J. L. et al., "Gas-source MBE growth of freestanding Si nanowires on Au/Si substrate", <u>Superlattices Microstructures</u> , 1999, Vol. 25, No. 1-2, pp. 477-479.					
	TI	Shimada et al., "Size, position and direction control on GaAs and InAs nanowhisker growth", <u>Superlattices and Microstructures</u> , Vol. 24, No. 6, December 1998, pp. 453-458					
	TJ	Shirai M., et al., "Gold cluster formation using an atomic force microscope and its applications to GaAs whisker growth", <u>Superlattices and Microstructures</u> , Vol. 24, No. 2, August 1998, pp. 157-162.					
	TK	Hiruma, K. et al., "GaAs and InAs Nanowire Growth Technology", <u>Proceedings of the Science and Technology of Atomically Engineered Materials</u> , October 30, 1995, pp. 563-570					
	TL	Westwater, J. et al., "Control of the size and position of silicon nanowires grown via the vapor-liquid-solid technique", <u>Japanese Journal of Applied Physics</u> , Part 1, October 1997, Vol. 36, pp. 6204-6209					
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	UB	5,544,617	8/13/96	Terui et al.	117	87		
	UC	5,858,862	1/12/99	Westwater et al.	438	503		
	UD	5,976,957	11/2/99	Westwater et al.	438	478		
	UE	6,130,142	10/10/00	Westwater et al.	438	478		
	UF	6,130,143	10/10/00	Westwater et al.	438	478		
	UG	2003/0121764	7/3/03	Yang et al.	200	262		
	UH	2002/0129761	9/19/02	Takami	117	73		
MM	UI	2002/0172820	11/21/02	Majumdar et al.	428	357		
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	UK	1 314 189	5/28/03	Europe			yes	
	UL	03/053851	7/3/03	WIPO				
	UM	2004/038767	5/6/04	WIPO				
	UM	2004/010552	1/29/04	WIPO				
	UN	03/063208	7/31/03	WIPO				
	UO	0 443 920	8/28/91	Europe			abstract	
	UP	2000-068493	3/3/00	Japan			abstract	
MM	UQ	0 838 865	4/29/98	Europe				
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MM	UR	O'Regan et al., "A Low-Cost, High-Efficiency Solar Cell Based on Dye-Sensitized Colloidal TiO ₂ Films", <u>Nature</u> , Vol. 353, October 24, 1991, pp. 737-740.						
I	US	Jun et al., "Architectural Control of Magnetic Semiconductor Nanocrystals", <u>J. Am. Chem. Soc.</u> , Vol. 124, No. 4, January 4, 2002, pp. 615-619.						
I	UT	Manna et al., "Synthesis of Soluble and Processable Rod-, Arrow-, Teardrop-, and Tetrapod-Shaped CdSe Nanocrystals", <u>J. Am. Chem. Soc.</u> , Vol. 122, No. 51, December 1, 2000, pp. 12700-12706.						
MM	UU	Huang et al., "Directed Assembly of one-dimensional nanostructures into functional networks", <u>Science</u> , Vol. 291, January 26, 2001, pp. 630-633.						
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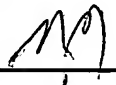

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	VC	6,559,468	5/6/03	Kuekes et al.	257	14	
	VD	2002/0130311	9/19/02	Lieber et al.	257	1	
	VE	2003/0089899	5/15/03	Lieber et al.	257	9	
	VF	2004/0213307	10/28/04	Leiber et al.	372	39	
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	VQ	Persson, "Heterointerfaces in III-V semiconductor nanowhiskers", <u>IEEE</u> , 2002, pp. 281-293.					
	VR	Gao et al., "Self-Assembled Nanowire-Nanoribbon Junction Arrays of ZnO", <u>The Journal of Physical Chemistry</u> , Vol. 106, No. 49, November 12, 2002, pp. 12653-12658.					
	VS	Yan et al., "Dendritic Nanowire Ultraviolet Laser Array", <u>J. Am. Chem. Soc.</u> , Vol. 125, March 29, 2003, pp. 4728-4729.					
	VT	Jun et al., "Controlled Synthesis of Multi-Armed CdS Nanorod Architectures Using Monosurfactant System", <u>J. Am. Chem. Soc.</u> , Vol. 123, May 5, 2001, pp. 5150-5151.					
	VU	Poole et al., "Spatially Controlled, Nanoparticle-Free Growth of InP Nanowires", <u>Applied Physics Letters</u> , Vol. 83, No. 10, September 8, 2002, pp. 2055-2057.					
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	WF	Hiruma et al., "Quantum Size Microcrystals Grown Using Organometallic Vapor Phase Epitaxy", <u>Appl. Phys. Lett.</u> , Vol. 59, No. 4, July 22, 1991, pp. 431-433.					
	WG	Xia et al., "One-Dimensional Nanostructures: Synthesis, Characterization, and Applications", <u>Adv. Mater.</u> , Vol. 15, No. 5, March 4, 2003, pp. 353-389.					
	WH	Ozaki et al., "Silicon Nanowhiskers Grown on a Hydrogen-Terminated Silicon {111} Surface", <u>Applied Physics Letters</u> , Vol. 73, No. 25, December 21, 1998, pp. 3700-3702.					
	WI	Wu et al., "Growth, Branching, and Kinking of Molecular-Beam Epitaxial <110> GaAs Nanowires", <u>Applied Physics Letters</u> , Vol. 83, No. 16, October 20, 2003, pp. 3368-3370.					
	WJ	Grätzel, "Photoelectrochemical Cells", <u>Nature</u> , Vol. 414, November 15, 2001, pp. 338-344.					
	WK	Wang et al., "Nanocrystals Branch Out", <u>Nature Materials</u> , Vol. 2, June 2003, pp. 355-356.					
	WL	Manna et al., "Controlled Growth of Tetrapod-Branched Inorganic Nanocrystals", <u>Nature Materials</u> , Vol. 2, June 2003, pp. 382-385.					
	WM	Wang et al., "Rational Growth of Branched and Hyperbranched Nanowire Structures", <u>Nano Letters</u> , Vol. 4, No. 5, March 31, 2004					
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	XE						
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	XF	Oda et al., "Natural Formation of Square Scale Structures on Patterned Vicinal Substrates by MOVPE: Application to the Fabrication of Quantum Structures", <u>Inst. Phys. Conf. Ser.</u> , No. 166, Chapter 4, August 22, 1999, pp. 191-194.					
	XG	Hayakawa et al., "AlGaAs Nano-Meter Scale Network Structures Fabricated by Selective Area MOVPE", <u>Inst. Phys. Conf. Ser.</u> , No. 162, Chapter 8, October 12, 1998, pp. 415-419.					
	XH	Akabori et al., "Selective Area MOVPE Growth of Two-Dimensional Photonic Crystals Having an Air-Hole Array and its Application to Air-Bridge-Type Structures", <u>Physica E</u> , No. 13, 2002, pp. 446-450.					
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	XJ	Kempa et al., "Photonic Crystals Based on Periodic Arrays of Aligned Carbon Nanotubes", <u>Nano Letters</u> , Vol. 3, No. 1, November 19, 2002, pp. 13-18.					
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	XL	Zhong et al., "Nanowire Crossbar Arrays as Address Decoders for Integrated Nanosystems" <u>Science</u> , Vol. 302, November 21, 2003, pp. 1377-1379.					
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	YG	Whang et al., "Large-Scale Hierarchical Organization of Nanowire Arrays for Integrated Nanosystems", <u>Nano Letters</u> , Vol. 3, No. 9, August 5, 2003, pp. 1255-1259.					
	YH	McAlpine et al., "Nanoimprint Lithography for Hybrid Plastic Electronics", <u>Nano Letters</u> , Vol. 3, No. 4, March 7, 2003, pp. 443-445.					
	YI	Bozovic et al., "Plastic Deformation in Mechanically Strained Single-Walled Carbon Nanotubes", <u>Physical Review B</u> , Vol. 67, January 22, 2003, pp. 033407-1 - 033407-4.					
	YJ	Hahn et al., "Direct Ultrasensitive Electrical Detection of DNA and DNA Sequence Variations Using Nanowire Nanosensors", <u>Nano Letters</u> , Vol. 4, No. 1, December 9, 2003, pp. 51-54.					
	YK	Lieber, "Nanoscale Science and Technology: Building a Big Future from Small Things", <u>MRS Bulletin</u> , July 2003, pp. 486-491.					
	YL	Yu et al., "Silicon Nanowires: Preparation, Device Fabrication, and Transport Properties", <u>J. Phys. Chem. B</u> , Vol. 104, No. 50, November 23, 2000, pp. 11864-11870.					
	YM	Law et al., "Photochemical Sensing of NO, with SnO, Nanoribbon Nanosensors at Room Temperature", <u>Angew. Chem. Int. Ed.</u> , Vol. 41, No. 13, 2002, pp. 2405-2408.					
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	ZE						
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	ZF	Lao et al., "Hierarchical ZnO Nanostructures", <u>Nano Letters</u> , Vol. 2, September 13, 2002, pp 1287-1291.					
	ZG	Barrelet et al., "Synthesis of CdS and ZnS Nanowires Using Single-Source Molecular Precursors", <u>J. Am. Chem. Soc.</u> , Vol. 125, 2003, pp. 11498-11499.					
	ZH	Martensson et al., "Nanowire Arrays Defined by Nanoimprint Lithography", <u>Nano Letters</u> , Vol. 4, March 17, 2004, pp. 699-702.					
	ZI	Hornstra, "Dislocations in the Diamond Lattice", <u>J. Phys. Chem. Solids</u> , Vol. 5, 1958, pp. 129-141.					
	ZJ	Krost et al., "InP on Si(111): Accommodation of Lattice Mismatch and Structural Properties", <u>Appl. Phys. Lett.</u> , Vol. 64, No. 7, February 7, 1994, pp. 769-771.					
	ZK	Gorbach et al., "Growth of III-V Semiconductor Layers on Si Patterned Substrates", <u>Thin Solid Films</u> , Vol. 336, 1998, pp. 63-68.					
	ZL	Ohlsson et al., "Anti-Domain-Free GaP, Grown in Atomically Flat (001) Si Sub- μ m-sized Openings", <u>Applied Physics Letters</u> , Vol. 80, No. 24, June 17, 2002, pp. 4546-4548.					
	ZM	Kawanami, "Heteroepitaxial Technologies of III-V on Si", <u>Solar Energy Materials & Solar Cells</u> , Vol. 66, 2001, pp. 479-486.					
	ZN	Westwater et al., "Growth of Silicon Nanowires Via Gold/Silane Vapor-Liquid-Solid Reaction", <u>J. Vac. Sci. Technol. B.</u> , Vol. 15, No. 3, 1997, pp. 554-557.					
	ZO	Ramins et al., "Ti-Catalyzed Si Nanowires by Chemical Vapor Deposition: Microscopy and Growth Mechanisms", <u>Journal of Applied Physics</u> , Vol. 89, No. 2, January 15, 2001, pp. 1008-1016.					
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	AAG	Thornton et al., "A Photoemission Study of Passivated Silicon Surfaces Produced by Etching in Solutions of HF", <u>Semicond. Sci. Technol.</u> , Vol. 4, 1989, pp. 847-851.					
	AAH	Borgstrom et al., "Size- and Shape-Controlled GaAs Nano-Whiskers Grown by MOVPE: A Growth Study", <u>Journal of Crystal Growth</u> , Vol. 260, 2004, pp. 18-22.					
	AAI	Westwater et al., "Si Nanowires Grown Via the Vapour-Liquid-Solid Reaction", <u>Phys. Stat. Sol.</u> , Vol. (a)165, 1998, pp. 37-42.					
	AAJ	Westwater et al., "The Characteristics and Oxidation of Vapor-Liquid-Solid Grown Si Nanowires", <u>Mat. Res. Soc. Symp. Proc.</u> , Vol. 452, 1997, pp. 237-242.					
	AAK	Westwater et al., "Nanoscale Silicon Whiskers Formed by Silane/Gold Reaction at 335°C", <u>Materials Letters</u> , Vol. 24, June 1995, pp. 109-112.					
	AAL	Yang, "Semiconductor Nanowire Array", <u>Proceedings of the SPIE</u> , Vol. 4806, 2002, pp. 222-224.					
	AAM	Abramson et al., "Nanowire Composite Thermoelectric Devices", <u>Proceedings of IMECE2002, ASME International Mechanical Engineering Congress & Exposition</u> , November 17-22, 2002, pp. 7-11.					
	AAN	Johnson et al., "Single Nanowire Waveguides and Lasers", <u>Proceedings of SPIE</u> , Vol. 5223, 2003, pp. 187-196.					
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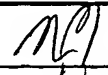

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BBG	Kim et al., "Nanowire Arrays for Thermoelectric Devices", <u>Proceedings of HT2003, ASME Summer Heat Transfer Conference</u> , July 21-23, 2003, pp. 101-104.
BBH	Choi et al., "Self-Organized GaN Quantum Wire UV Lasers", <u>J. Phys. Chem. B</u> , Vol. 107, 2003, pp. 8721-8725.
BBI	Yang, "From Nanowire Lasers to Quantum Wire Lasers", <u>Proceedings of SPIE</u> , Vol. 5349, 2004, pp. 18-23.
BBJ	Samuelson et al., "Semiconductor Nanowires for Novel One-Dimensional Devices", <u>Physica E</u> , Vol. 21, 2004, pp. 560-567.
BBK	Shorubalko et al., "Tunable Nonlinear Current-Voltage Characteristics of Three-Terminal Ballistic Nanojunctions", <u>Applied Physics Letters</u> , Vol. 83, No. 12, September 22, 2003, pp. 2369-2371.
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BBM	Samuelson et al., "Fabrication and Imaging of Quantum Well Wire Structures", <u>SPIE</u> , Vol. 1676, 1992, pp. 154-160.
BBN	Larsson et al., "Probing of Individual Semiconductor Nanowhiskers by TEM-STM", <u>Microscopy and Microanalysis</u> , Vol. 10, 2004, pp. 41-46.
BBO	Ramvall et al., "Quantized Conductance in a Heterostructurally Defined Ga _{0.3} In _{0.7} As/InP", <u>Appl. Phys. Lett.</u> , Vol. 71, August 18, 1997, pp. 918-920.

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U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
	CCA						
	CCB						
	CCC						
	CCD						
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	CCE						
OTHER (including author, title, date, pertinent pages, etc.)							
	CCF	Ng et al., "Growth of Epitaxial Nanowires at the Junctions of Nanowalls", <u>Science</u> , Vol. 300, May 23, 2003, p. 12.					
	CCG	Ng et al., "Epitaxial Single Crystalline Inorganic Nanowires and Nanowalls: Growth Morphogenesis and Applications in Nano-Optoelectronics", <u>Proceedings of SPIE</u> , Vol. 5349, 2004, pp. 11-17.					
	CCH	Thelander et al., "One Dimensional Heterostructures and Resonant Tunneling in III-V Nanowires", <u>IEEE International Symposium on Compound Semiconductors</u> , August 25, 2003, pp. 151-152.					
	CCI	Björk et al., "Heterostructures in One-Dimensional Nanowires", <u>Proceedings of 7th International Conference of Nanometer-Scale Science and Technology and 21st European Conference on Surface Science</u> , June 24, 2002.					
	CCJ	Ohlsson et al., "Comparison Between (111)B and (100)III-V Nanowhiskers", <u>Proceedings of 7th International Conference of Nanometer-Scale Science and Technology and 21st European Conference on Surface Science</u> , June 24, 2002.					
	CCK	Larsson et al., "In-Situ Manipulations and Electrical Measurements of III-V Nanowhiskers with TEM-STM, <u>Proceedings of 7th International Conference of Nanometer-Scale Science and Technology and 21st European Conference on Surface Science</u> , June 24, 2002.					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449				Atty. Docket No.		Appln. No.	
INFORMATION DISCLOSURE STATEMENT				A-9838		10/814,630	
LIST OF DOCUMENTS CITED BY APPLICANT							
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	DDA						
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<i>no</i>	DDF	Lieber et al., "Nanowires as Building Blocks for Nanoelectronics and Nanophotonics", <u>Electron Devices Meeting 2003 IEEE International</u> , 2003, pp. 12.3.1-12.3.3.					
	DDG						
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	DDI						
	DDJ						
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	DDL						
	DDM						
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